

2012 LYONDELL ENVIRONMENTAL CUSTODIAL TRUST 3-YR BUDGET

TRUSTEE	SITE	COUNTY : STATE	LEAD	STATUS / VERSION
Le Petomane XXIII, Inc., Not Individually, But Solely as Trustee	KALAMAZOO	Kalamazoo : MI	Nicole Wood-Chi : US EPA Region 5	wood.nicole@epamail.gov (312)886-0664 DRAFT 3/28/12

KALAMAZOO SITE ADMINISTRATIVE BUDGET		2012	2013	2014	3-YR TOTAL
Trust Administrative Services					
• Coordination of Trust services relating to security, property tax, insurance, budgetary process, and general administrative services		\$ 25,000	\$ 25,000	\$ 25,000	\$ 75,000
Trust Legal Services					
• General legal services rendered for the site		\$ 12,500	\$ 12,500	\$ 12,500	\$ 37,500
Trust Accounting Services					
• Processing of payments, tax returns, and general accounting services		\$ 2,000	\$ 2,000	\$ 2,000	\$ 6,000
Site Management					
• Site specific administration activities as directed by the Trust		\$ 5,000	\$ 5,000	\$ 5,000	\$ 15,000
• Site fence and signage repair as required		\$ 8,500	\$ 8,500	\$ 8,500	\$ 25,500
Property Tax					
3% annual escalation assumed		\$ 3,200	\$ 3,296	\$ 3,395	\$ 9,891
Site Administrative Contingency (5%)					
State and/or Agency authorization required prior to fund usage		\$ 2,810	\$ 2,815	\$ 2,820	\$ 8,445
Administrative Budget Site Totals		\$ 59,010	\$ 59,111	\$ 59,215	\$ 177,335
To be paid from the Lyondell Administrative Expense Account					

KALAMAZOO SITE REMEDIATION BUDGET		2012	2013	2014	3-YR TOTAL
Trust Environmental Services					
• Trust services relating to environmental remediation and restoration		\$ 25,000	\$ 25,000	\$ 25,000	\$ 75,000
Trust Legal Services					
• Environmental legal services rendered for the site		\$ 25,000	\$ 25,000	\$ 25,000	\$ 75,000
Environmental Site Consultant					
• Operation of Groundwater Treatment Plant		\$ 462,000	\$ 475,000	\$ 488,000	\$ 1,425,000
• Bryant Mill Dam inspection, maintenance, and update to Safety Plan		\$ 18,000	\$ 2,000	\$ -	\$ 20,000
U.S. EPA					
• ROD Completion		\$ 125,000	\$ -	\$ -	\$ 125,000
State Oversight					
State and/or Agency authorization required prior to fund usage		\$ -	\$ -	\$ -	\$ -
Site Remediation Contingency (5%)					
State and/or Agency authorization required prior to fund usage		\$ 32,750	\$ 26,350	\$ 26,900	\$ 86,000
Remediation Budget Site Totals		\$ 687,750	\$ 553,350	\$ 564,900	\$ 1,806,000
To be paid from the Kalamazoo Response Cost Escrow Account					

Kalamazoo Site Environmental Initial Funding \$50,050,000	Available Balance \$49,316,883	Estimated end of budgeted year balance:	\$48,629,133	97%	\$48,075,783	96%	\$47,510,883	95%	
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KALAMAZOO SITE COMBINED ADMINISTRATIVE AND ENVIRONMENTAL 3-YR BUDGET TOTAL	\$ 746,760	\$ 612,461	\$ 624,115	\$ 1,983,335
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The above costs and expenses are estimates based upon available information, and are subject to State and/or Federal environmental agency review and a mid-year review as additional information is obtained.

COST SUMMARY FOR: 2012 Kalamazoo Budget Operation of GWTP	
PROJECT NUMBER:	21-26773R
PREPARED BY:	B. Coughlin
DATE:	3/29/12

COST SUMMARY	
Labor	\$191,928
Expenses	\$270,270
Total	\$462,198
Contingency:	10% \$42,018

COST SUMMARY	
Task 1	\$436,766
Task 2	\$25,432
Task 3	\$0
Task 4	\$0
Task 5	\$0
Task 6	\$0
Totals	\$462,198

TASK NO.	TASK DESCRIPTION	STAFF:	PM - M10	PM-M9	Operator (Liz)	A7 (Terry)	A3 (Garret)	PC	Admin	CAD	DOLLARS	HOURS
		RATE:	\$179	\$168	\$68	\$100	\$84	\$215	\$68	\$84		
1	Operation of Treatment Plant	HOURS			1,960	80	120					2160
		DOLLARS	\$0	\$0	\$133,280	\$8,000	\$10,080	\$0	\$0	\$0	\$151,360	
2	Project Management	HOURS	60	40				20	20			140
		DOLLARS	\$10,740	\$6,720	\$0	\$0	\$0	\$4,300	\$1,360	\$0	\$23,120	
3		HOURS										0
		DOLLARS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4		HOURS								0		0
		DOLLARS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5		HOURS										0
		DOLLARS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
6		HOURS						0				0
		DOLLARS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
TOTAL HOURS BY CATEGORY			60	40	1,960	80	120	20	20	0		2300
TOTAL DOLLARS BY CATEGORY			\$10,740	\$6,720	\$133,280	\$8,000	\$10,080	\$4,300	\$1,360	\$0	\$174,480	
											AVERAGE BILLING RATE	\$76

Expense Mark-up	1.05
Subcontractor Mark-up	1.06

EXPENSE CATEGORY	COST FACTOR	PROJECT TASK NO.									DOLLARS
		1	2	3	4	5	6	7	8	9	
Air Transportation	1.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rental Car	1.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Car Mileage (Enter number of miles)	0.550	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Lodging	1.05	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Per Diem (meals)	1.05	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Waste Disposal	1.05	\$32,000									
		\$33,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,600
GWTP Subcontractors	1.06	\$105,000									
		\$111,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$111,300
GWTP Supplies and Chemicals, Other Direct Costs	1.05	\$96,000	\$0								
		\$100,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,800
	1.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MARKED-UP TASK TOTALS		\$245,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$245,700

COST SUMMARY FOR: 2012 Kalamazoo Budget	
Bryant Mill Safety Inspection	
PROJECT NUMBER:	21-26779R
PREPARED BY:	B. Coughlin
DATE:	3/29/12

COST SUMMARY	
Labor	\$2,334
Expenses	\$15,900
Total	\$18,234
Contingency: 20% \$3,039	

COST SUMMARY	
Task 1	\$593
Task 2	\$16,524
Task 3	\$688
Task 4	\$0
Task 5	\$430
Task 6	\$0
Totals	\$18,234

TASK NO.	TASK DESCRIPTION	STAFF:	PM - M10	Operator	A6B	A5	A4	PC	Admin	CAD	DOLLARS	HOURS
		RATE:	\$179	\$65	\$137	\$100	\$95	\$215	\$68	\$84		
1	Preparation/Subcontracts	HOURS	2						2			4
		DOLLARS	\$358	\$0	\$0	\$0	\$0	\$0	\$136	\$0	\$494	
2	Oversight	HOURS		8								8
		DOLLARS	\$0	\$520	\$0	\$0	\$0	\$0	\$0	\$0	\$520	
3	Followup Documentation and Analysis	HOURS	2					1		0		3
		DOLLARS	\$358	\$0	\$0	\$0	\$0	\$215	\$0	\$0	\$573	
4	Conference Calls	HOURS								0		0
		DOLLARS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5	Project Management	HOURS	2									2
		DOLLARS	\$358	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$358	
6		HOURS										0
		DOLLARS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
TOTAL HOURS BY CATEGORY			6	8	0	0	0	1	2	0		17
TOTAL DOLLARS BY CATEGORY			\$1,074	\$520	\$0	\$0	\$0	\$215	\$136	\$0	\$1,945	
											AVERAGE BILLING RATE	\$114

Expense Mark-up	1.05
Subcontractor Mark-up	1.06

EXPENSE CATEGORY	COST FACTOR	PROJECT TASK NO.									DOLLARS
		1	2	3	4	5	6	7	8	9	
Air Transportation	1.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rental Car	1.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Car Mileage (Enter number of miles)	0.550	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Lodging	1.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Per Diem (meals)	1.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Dam Inspection Subcontractor	1.06		\$5,500								
		\$0	\$5,830	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,830
Grubbing and Clearing Laboratory Subcontractor	1.06		\$7,000								
		\$0	\$7,420	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,420
	1.06	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	1.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MARKED-UP TASK TOTALS		\$0	\$13,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,250